LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003874.D
Acq On : 13 Dec 2018 04:44
Operator : JU/SJ
Sample : J6228-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E58

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.017	3	5	28	rVB	363982	560606	49.25%	5.907%
2	6.987	673	680	690	rBB2	70283	133794	11.76%	1.410%
3	7.163	705	710	720	rBB	58400	89810	7.89%	0.946%
4	7.357	738	743	750	rBB	72949	111209	9.77%	1.172%
5	7.828	818	823	830	rBB	73580	114080	10.02%	1.202%
6	8.522	936	941	950	rBB	73394	112718	9.90%	1.188%
7	8.993	1016	1021	1029	rBB	72642	117771	10.35%	1.241%
8	9.710	1138	1143	1150	rBB	61696	92961	8.17%	0.980%
9	10.240	1227	1233	1243	rBB	101276	157755	13.86%	1.662%
10	10.628	1292	1299	1307	rBB	125595	207921	18.27%	2.191%
11	10.769	1317	1323	1342	rBV	62711	107939	9.48%	1.137%
12	13.869	1845	1850	1855	rBV	210908	278713	24.49%	2.937%
13	13.916	1855	1858	1864	rVB	55832	70378	6.18%	0.742%
14	14.163	1892	1900	1906	rBV	242285	355728	31.25%	3.748%
15	14.469	1946	1952	1959	rBV2	211633	317688	27.91%	3.348%
16	14.657	1980	1984	1998	rVB	71986	110509	9.71%	1.164%
17	15.457	2114	2120	2126	rBV	332672	476734	41.89%	5.023%
18	15.575	2136	2140	2147	rBV	88423	115831	10.18%	1.221%
19	17.210	2412	2418	2422	rBV	311859	423109	37.17%	4.458%
20	17.251	2422	2425	2429	rVV	33099	41478	3.64%	0.437%
21	17.310	2429	2435	2449	rVB	401890	535489	47.05%	5.643%
22	18.080	2561	2566	2570	rBV	52934	66200	5.82%	0.698%
23	18.128	2570	2574	2582	rVB	30328	41308	3.63%	0.435%
24	19.357	2779	2783	2795	rBV	22774	31185	2.74%	0.329%
25	19.504	2803	2808	2818	rVB4	42549	49666	4.36%	0.523%
26	19.604	2818	2825	2837	rVB	530734	761476	66.90%	8.024%
27	20.280	2935	2940	2944	rBV2	24863	31186	2.74%	0.329%
28	20.422	2960	2964	2968	rBV	11409	15824	1.39%	0.167%
29	20.469	2968	2972	2975	rVV2	23893	28793	2.53%	0.303%
30	20.510	2975	2979	2983	rVV3	18628	26001	2.28%	0.274%
31	20.551	2983	2986	2990	rVB	34875	33566	2.95%	0.354%
32	20.869	3036	3040	3047	rVB2	7650	15887	1.40%	0.167%
33	21.039	3065	3069	3072	rVB	13169	15644	1.37%	0.165%
34	21.104	3072	3080	3090	rBV8	16328	70914	6.23%	0.747%

LSC Area Percent Report

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Acq On : 13 Dec 2018 04:44
Operator : JU/SJ
Sample : J6228-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E58

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Title : SVOA CALIBRATION

35	21.392	3122	3129	3133	rVV	561421	744473	65.41%	7.845%
36	21.427	3133	3135	3143	rVB	44099	50682	4.45%	0.534%
37	21.510	3144	3149	3152	rBV3	17464	22680	1.99%	0.239%
38	21.604	3162	3165	3172	rVB6	10969	20132	1.77%	0.212%
39	21.951	3217	3224	3228	rVB	48879	82720	7.27%	0.872%
40	22.004	3228	3233	3236	rBV	29294	41780	3.67%	0.440%
41	22.151	3254	3258	3261	rBV4	10071	15593	1.37%	0.164%
42	22.186	3261	3264	3267	rVB4	9047	11454	1.01%	0.121%
43	22.427	3301	3305	3309	rBV	20353	27987	2.46%	0.295%
44	22.563	3325	3328	3333	rVB4	15721	18639	1.64%	0.196%
45	22.945	3389	3393	3398	rVB	40575	58928	5.18%	0.621%
46	22.998	3399	3402	3407	rBV2	9949	14909	1.31%	0.157%
47	23.504	3482	3488	3489	rBV	35304	56111	4.93%	0.591%
48	23.557	3489	3497	3513	rVB	547057	1138172	100.00%	11.993%
49	23.704	3514	3522	3531	rBV2	428721	838442	73.67%	8.835%
50	24.192	3599	3605	3612	rBV3	62092	122338	10.75%	1.289%
51	24.262	3613	3617	3625	rVB	14670	27822	2.44%	0.293%
52	24.962	3730	3736	3742	rBV2	36078	75724	6.65%	0.798%
53	25.862	3883	3889	3901	rVB2	27603	67328	5.92%	0.709%
54	26.233	3943	3952	3962	rVB2	84339	229625	20.17%	2.420%
55	26.492	3989	3996	4005	rVB5	35759	104768	9.20%	1.104%

Sum of corrected areas: 9490178

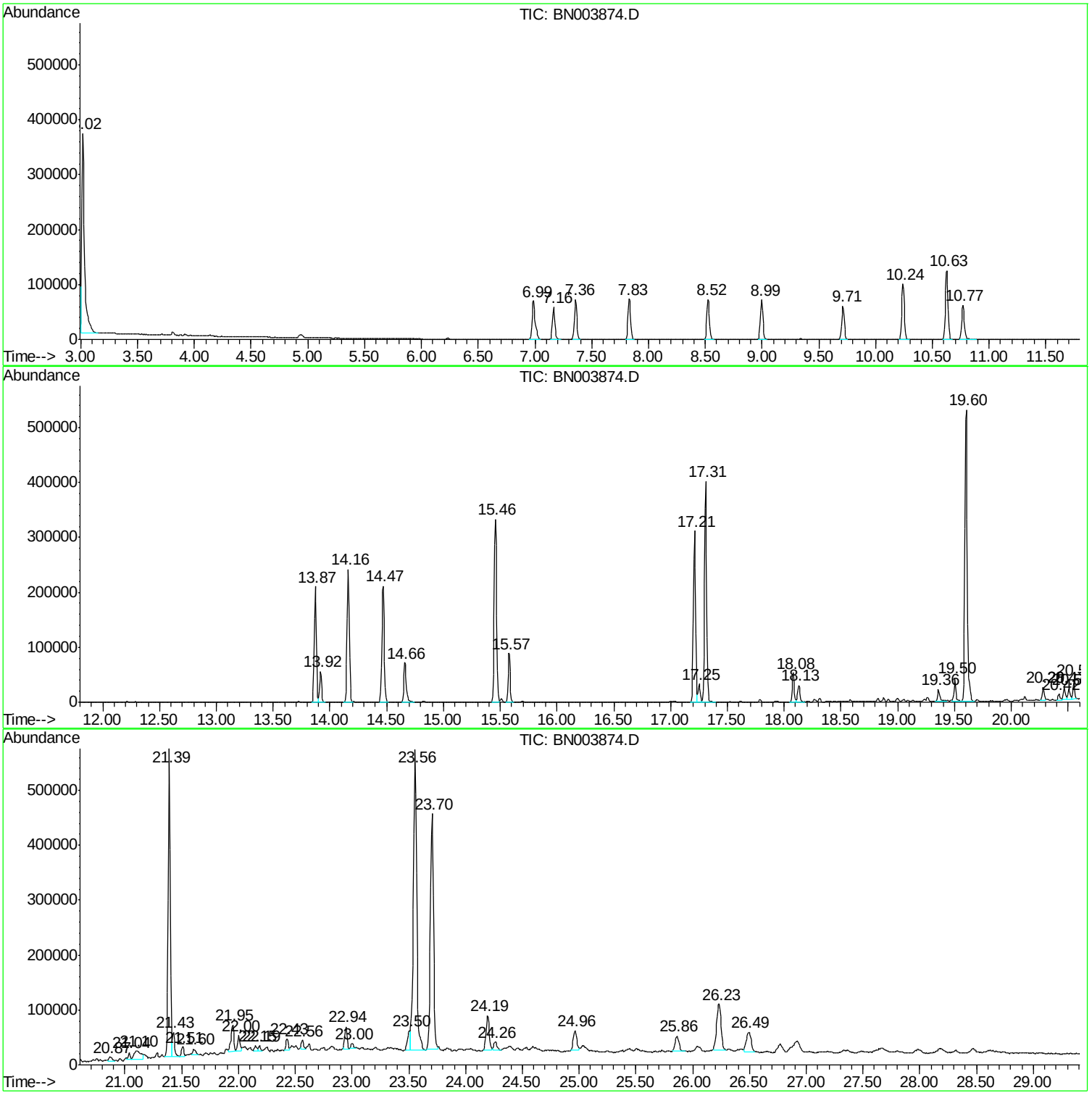
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003874.D
Acq On : 13 Dec 2018 04:44
Operator : JU/SJ
Sample : J6228-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003874.D
Acq On : 13 Dec 2018 04:44
Operator : JU/SJ
Sample : J6228-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

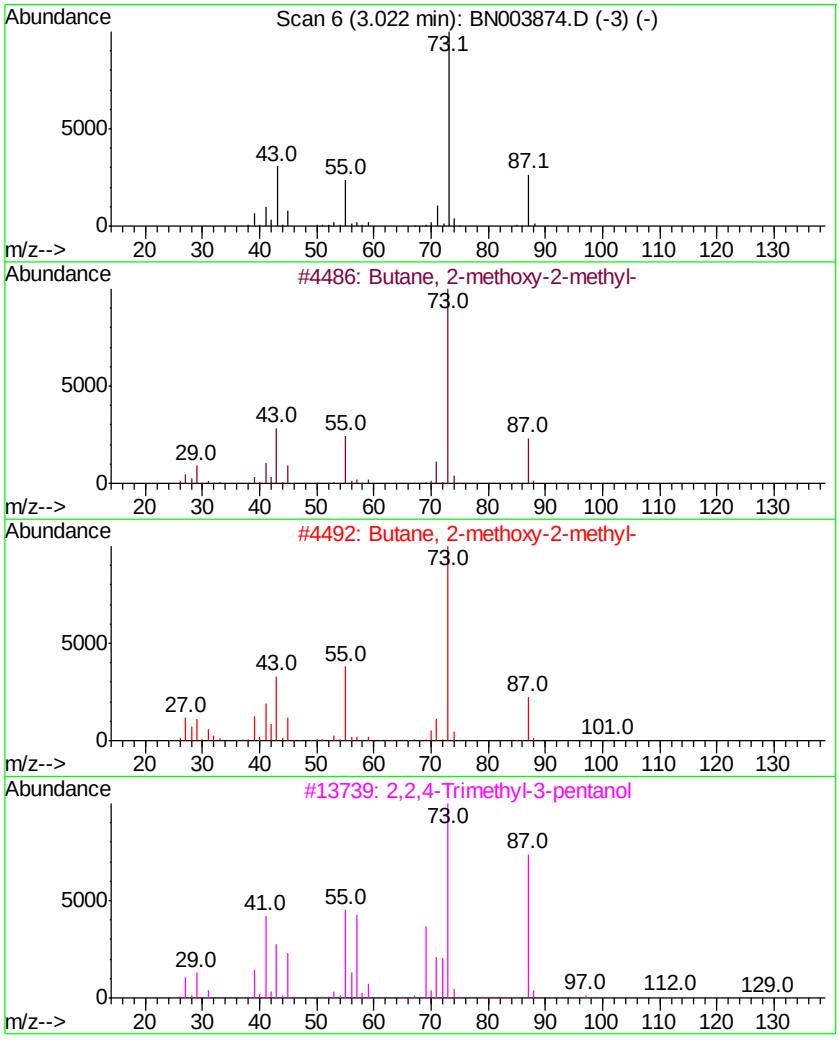
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

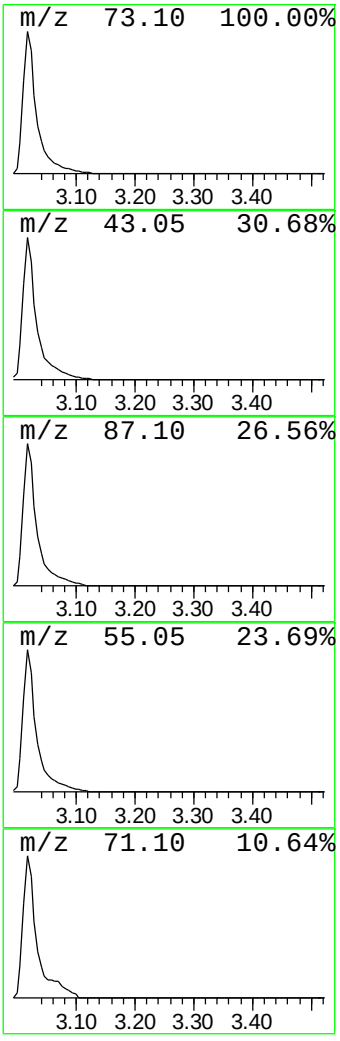
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	98.28 ng/ul	560606	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003874.D
Acq On : 13 Dec 2018 04:44
Operator : JU/SJ
Sample : J6228-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

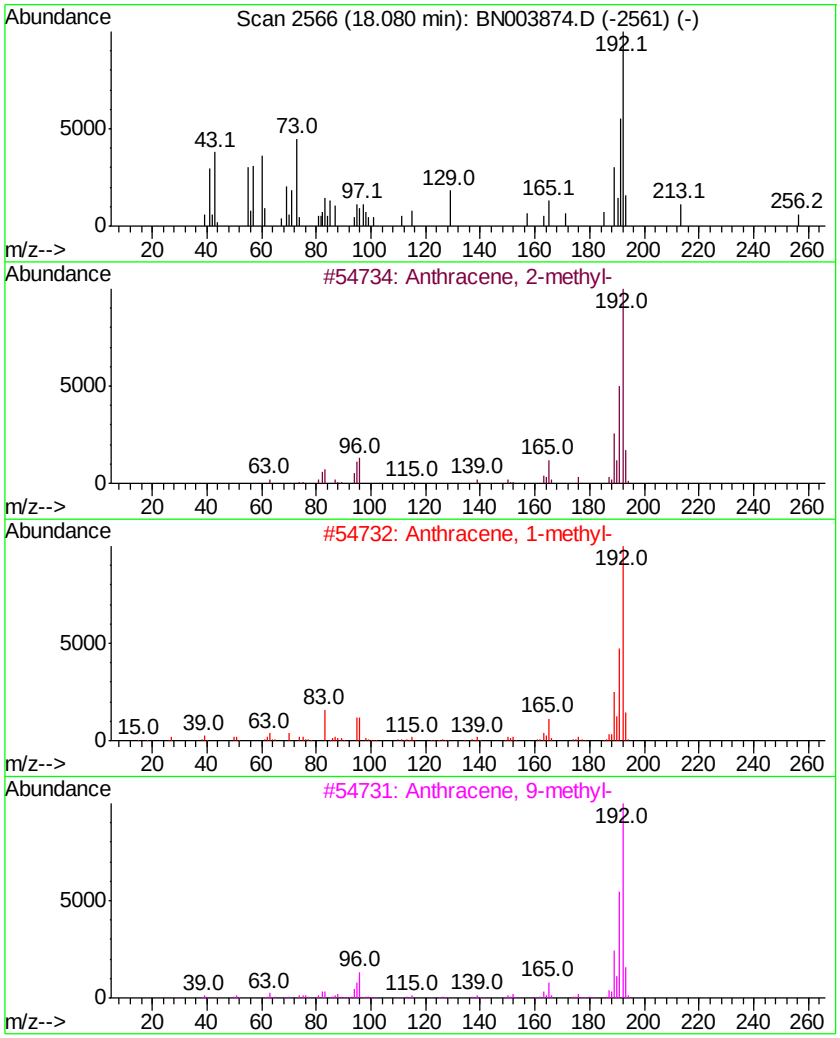
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

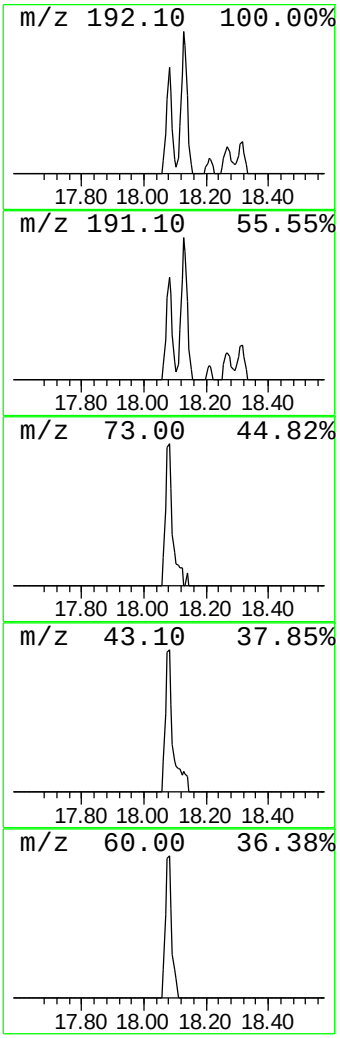
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.13 ng/ul	66200	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	58
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	58
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003874.D
Acq On : 13 Dec 2018 04:44
Operator : JU/SJ
Sample : J6228-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

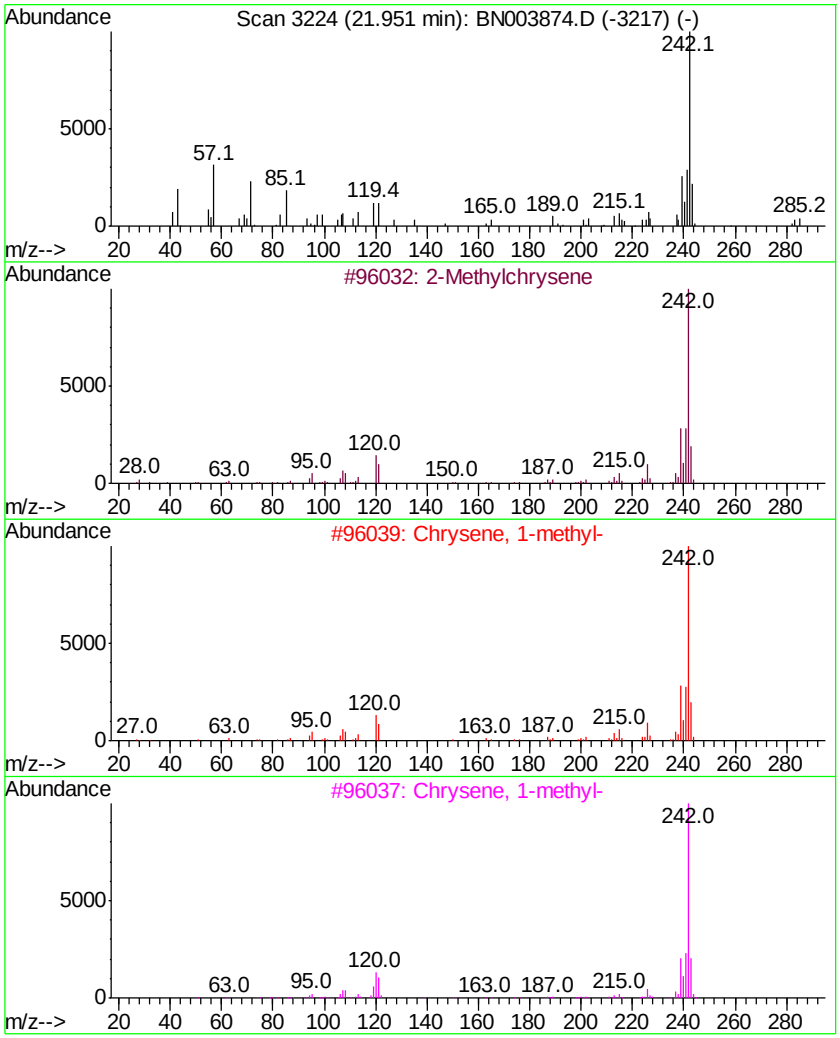
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

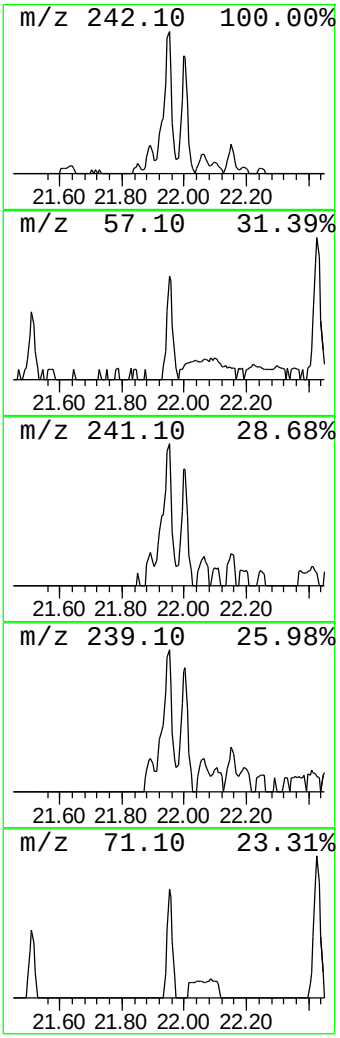
****

Peak Number 3 2-Methylchrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	2.22 ng/ul	82720	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	89
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	87
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	76
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003874.D
Acq On : 13 Dec 2018 04:44
Operator : JU/SJ
Sample : J6228-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E58

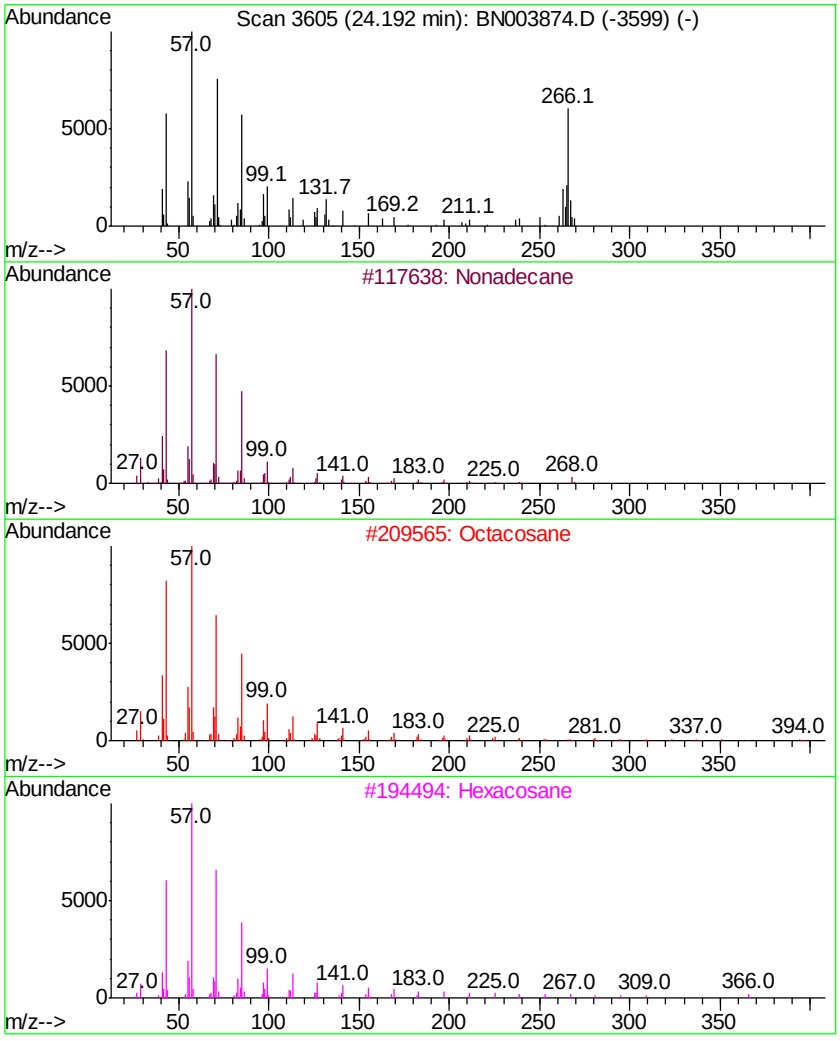
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

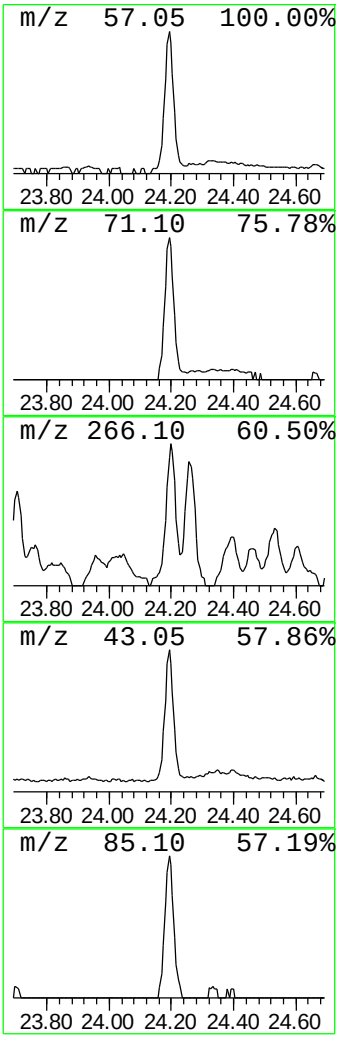
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	2.92 ng/ul	122338	Perylene-d12	23.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Octacosane	394	C28H58	000630-02-4	55
3	Hexacosane	366	C26H54	000630-01-3	55
4	Hentriacontane	437	C31H64	000630-04-6	55
5	Heneicosane	296	C21H44	000629-94-7	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003874.D
Acq On : 13 Dec 2018 04:44
Operator : JU/SJ
Sample : J6228-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

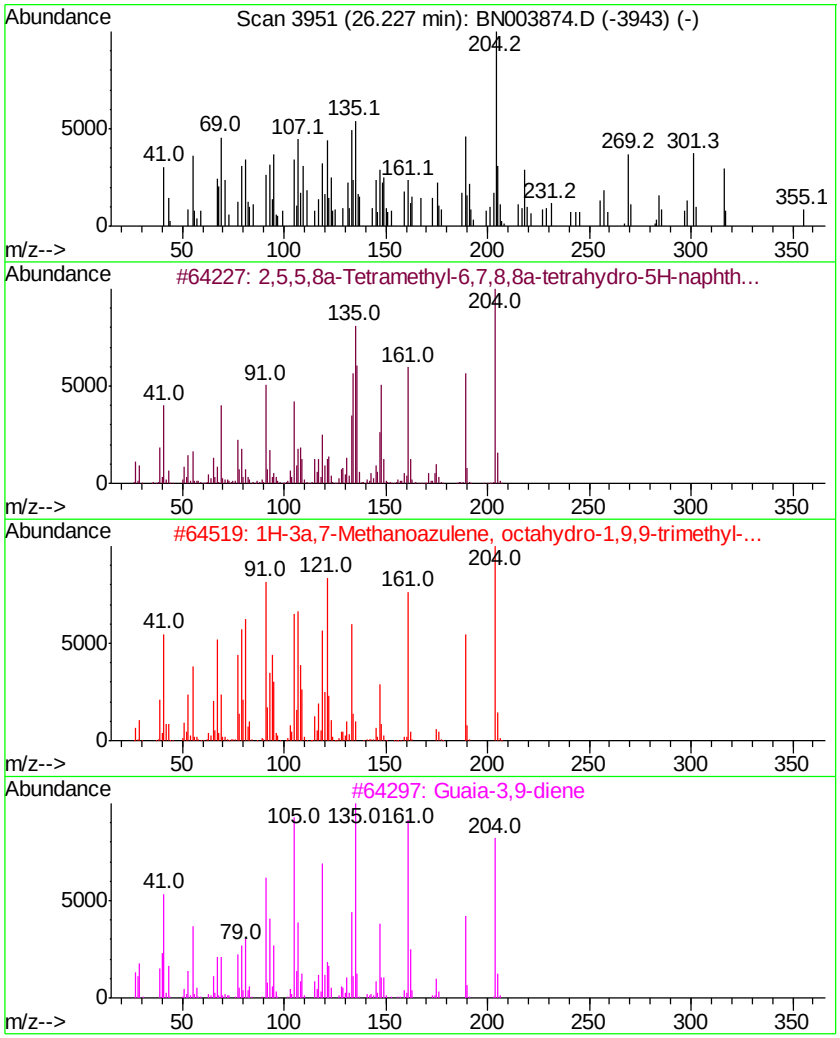
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

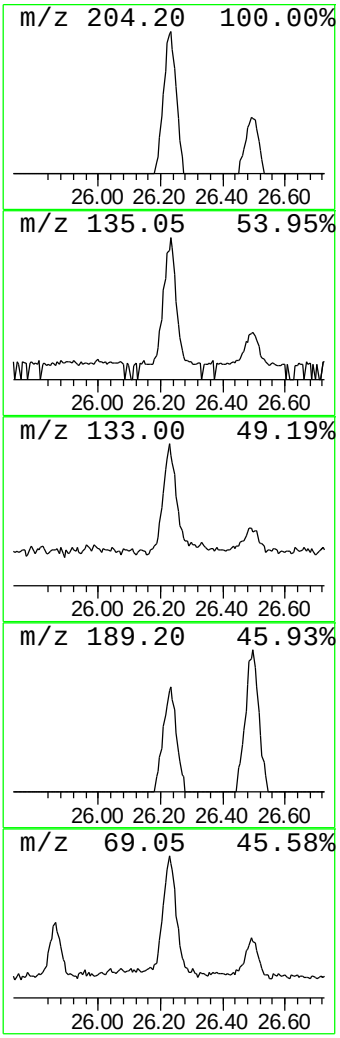
****

Peak Number 5 2,5,5,8a-Tetramethyl-6,7,8,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.23	5.48 ng/ul	229625	Perylene-d12	23.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	50
2	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	49
3	Guaia-3,9-diene	204	C15H24	000489-83-8	46
4	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003874.D
Acq On : 13 Dec 2018 04:44
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Sample : J6228-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

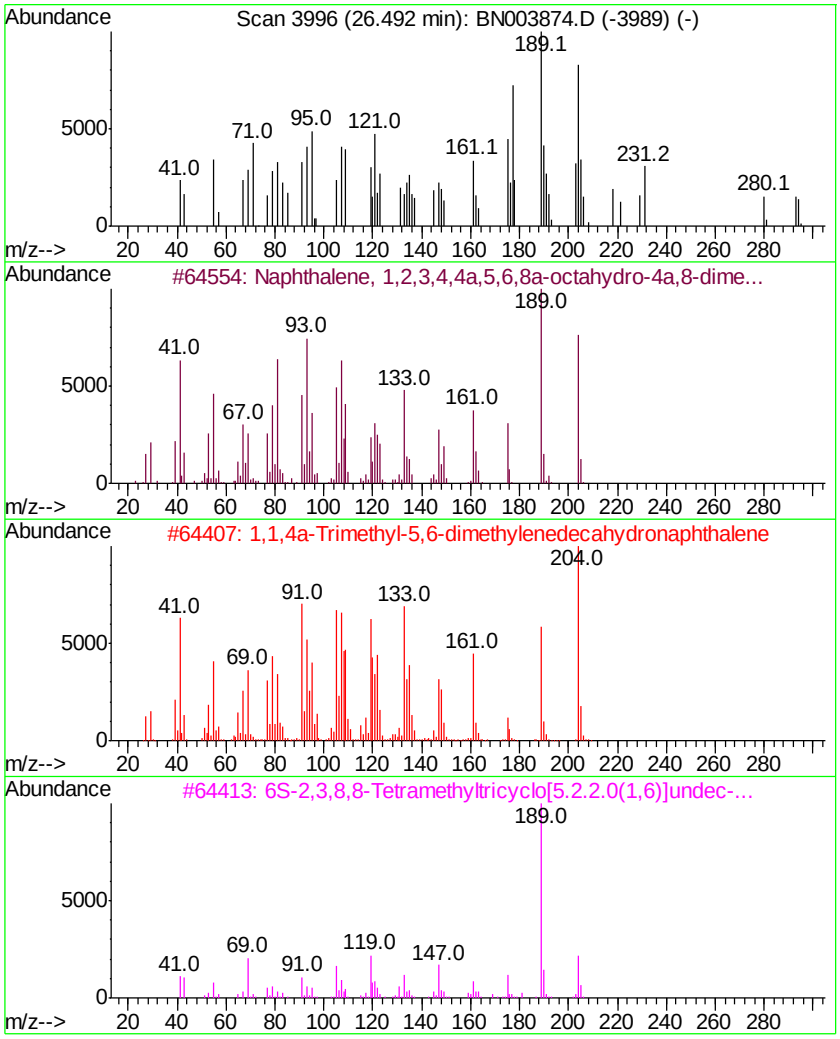
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

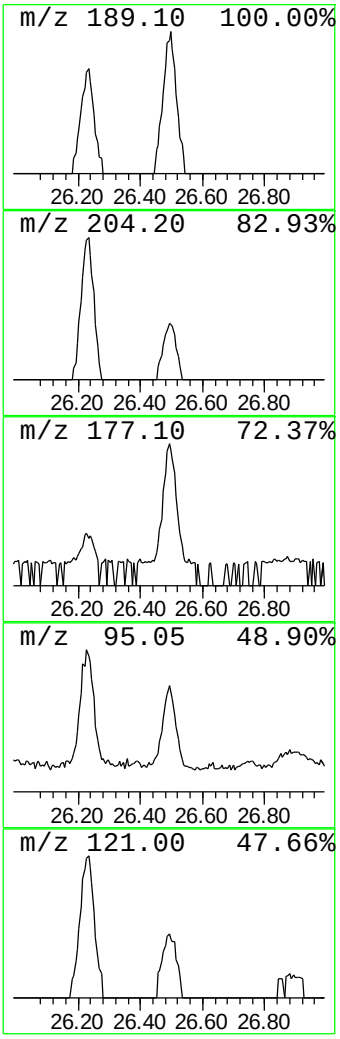
****

Peak Number 6 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.49	2.50 ng/ul	104768	Perylene-d12	23.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	64
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	46
3	6S-2,3,8,8-Tetramethyltricyclo[5...	204	C15H24	137235-48-4	38
4	.delta.-Selinene	204	C15H24	028624-23-9	38
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121218\
Data File : BN003874.D
Acq On : 13 Dec 2018 04:44
Operator : JU/SJ
Sample : J6228-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	98.3	ng/ul	560606	1	7.83	114080	20.0
Anthracene, 2-met...	18.08	3.1	ng/ul	66200	4	17.21	423109	20.0
2-Methylchrysene	21.95	2.2	ng/ul	82720	5	21.39	744473	20.0
(DEL) Alkane: Str...	24.19	2.9	ng/ul	122338	6	23.70	838442	20.0
2,5,5,8a-Tetramet...	26.23	5.5	ng/ul	229625	6	23.70	838442	20.0
Naphthalene, 1,2,...	26.49	2.5	ng/ul	104768	6	23.70	838442	20.0